

Substitution for Form PTO-1390		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 031222-021
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/501770</b>	
INTERNATIONAL APPLICATION NO. PCT/AU03/00050	INTERNATIONAL FILING DATE 17 January 2003 (17.01.2003)	PRIORITY DATE CLAIMED 18 January 2002 (18.01.2002)	
TITLE OF INVENTION  PROCESS AND DEVICE FOR PRODUCTION OF LNG BY REMOVAL OF FREEZABLE SOLIDS			
APPLICANT(S) FOR DO/EO/US AMIN, Robert; and KENNAIRD, Anthony, Frederick			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission to items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>			
Items 11 to 21 below concern document(s) or information included:			
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: <u>Application Data Sheet; General Authorization For Petitions For Extensions of Time and Payment of Fees; and PCT/ISA/210.</u></li> <li>21. <input checked="" type="checkbox"/> Applicant(s) requests that the published application include the following assignment information: <u>(1) Curtin University of Technology; Bentley, Western Australia; and (2) Core Laboratories Australia PTY Ltd., Kewdale, Western Australia.</u></li> </ol>			

U.S. APPLICATION NO. (If known, see 37 CFR 1.55) <b>10/501770</b>		INTERNATIONAL APPLICATION NO. PCT/AU03/00050		ATTORNEY'S DOCKET NUMBER 031222-021	
--	--	---	--	--	--

22. ☒ The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):**

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO . . . . . \$1,080.00 (1611)

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO . . . . . \$920.00 (1613)

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International search fee (37 CFR 1.445(a)(2)) paid to USPTO . . . . . \$770.00 (1610)

International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) . . . . . \$730.00 (1609)

International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) . . . . . \$100.00 (1612)

<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		\$ 1,080.00	
Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). <input type="checkbox"/> 20 <input type="checkbox"/> 30			

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total Claims	54	-20 =	34	x \$18.00 (1615)	\$ 612.00
Independent Claims	4	-3 =	1	x \$86.00 (1614)	\$ 86.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$290.00 (1616)	\$ 0.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>					\$ 1,778.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					+ \$ 0.00
<b>SUBTOTAL =</b>					\$ 1,778.00
Processing fee of \$130.00 (1618) for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30					\$ 0.00
<b>TOTAL NATIONAL FEE =</b>					\$ 1,778.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (8021) per property +					\$ 0.00
<b>TOTAL FEES ENCLOSED =</b>					\$ 1,778.00
					Amount to be refunded :
					charged :

a. ☐ A check in the amount of \_\_\_\_\_ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 02-4800 in the amount of \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.


c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4800. A duplicate copy of this sheet is enclosed.

d. ☒ Charge \$ 1,778.00 to credit card. Form PTO-2038 is attached.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Burns, Doane, Swecker & Mathis, L.L.P.  
P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

  
 SIGNATURE  
 \_\_\_\_\_  
 William C. Rowland  
 NAME  
 \_\_\_\_\_  
 30,888      July 19, 2004  
 REGISTRATION NO.      DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Robert Amin et al.

Group Art Unit:

Application No.:

Examiner:

Filing Date: Herewith

Confirmation No.:

Title: PROCESS AND DEVICE FOR PRODUCTION OF LNG BY REMOVAL OF FREEZABLE SOLIDS

GENERAL AUTHORIZATION FOR PETITIONS  
FOR EXTENSIONS OF TIME AND PAYMENT OF FEES

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.136(a)(3), the U.S. Patent and Trademark Office is hereby provided with a general authorization to treat any concurrent or future reply requiring a petition for an extension of time for its timely submission as containing a request therefor for the appropriate length of time.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

By William C. Rowland  
William C. Rowland  
Registration No. 30,888

Date: July 19, 2004

## PCT Postcard

10/501770

## Applicant/

Inventor: Robert Amin et al.

Appln. No.:

Docket No.: 031222-021

Working Atty.: William C. Rowland / rsc

Date: July 19, 2004

Title: PROCESS AND DEVICE FOR PRODUCTION OF LNG BY REMOVAL OF FREEZABLE SOLIDS

DT07 Rec'd PCT/PTO 19 JUL 2004

Dkt. Clerk Initials



The following was/were received in the U.S. Patent and Trademark Office on the date stamped hereon:

☐ Transmittal Letter to the U.S. Receiving Office/ Response to Invitation (PTO-1382)

☒ Transmittal Letter to U.S. Designated/Elected Office (DO/EO/US) Concerning Filing Under 35 USC 371 (PTO-1390)

☐ PCT Request (PCT/RO/101) ( ) pgs.

## INCLUDING:

☒ Specification (pages 1 - 20 )

☒ Claims (claims(s) 1 - 54 , 7 pgs.)

☒ Drawings (Fig(s). 1 - 4 , 4 pgs.)

☒ Abstract of the Disclosure

☐ PCT Fee Calculation Sheet Annex to the Request (PCT/RO/101 (Annex))

☐ PCT Demand (PCT/IPEA/401) International Preliminary Examination Report

☐ PCT Fee Calculation Sheet Annex to Demand for Int'l. Preliminary Exam. (PCT/IPEA/401 (Annex))

☐ PCT Notice of Confirmation of Precautionary Designations (PCT/RO/144)

☐ Executed Declaration/Power of Attorney

☐ Unexecuted Declaration/Power of Attorney

☐ Assignment/Assignment Recordation Form Cover Sheet (PTO-1595)

☐ Appointment of Agent

☒ Preliminary Amendment

☐ Information Disclosure Statement Transmittal

☒ Information Disclosure Citation (PTO-1449)

☒ Information Disclosure Statement w/ 0 document(s)

☐ Diskette

☐ Check for \$ \_\_\_\_\_ is enclosed

☐ Check for \$ \_\_\_\_\_ is enclosed

☐ Charge \$ \_\_\_\_\_ to Deposit Account

☒ Charge \$ 1,778.00 to credit card. Form PTO-2038 is attached.

☒ Application Data Sheet

☒ General Authorization For Petitions For Extensions of Time and Payment of Fees

☒ PCT/ISA/210

☐

COPY

If submitting documents via Express Mail, provide the Express Mailing Label No. below:

Express Mail Mailing Label No.

## PCT Postcard

## Applicant/

Inventor: Robert Amin et al.

Appln. No.:

Docket No.: 031222-021

Working Atty.: William C. Rowland / rsc

Date: July 19, 2004

Title: PROCESS AND DEVICE FOR PRODUCTION OF LNG BY REMOVAL OF FREEZABLE SOLIDS

Dkt. Clerk Initials



The following was/were received in the U.S. Patent and Trademark Office on the date stamped hereon:

☐ Transmittal Letter to the U.S. Receiving Office/ Response to Invitation (PTO-1382)

☒ Transmittal Letter to U.S. Designated/Elected Office (DO/EO/US) Concerning Filing Under 35 USC 371 (PTO-1390)

☐ PCT Request (PCT/RO/101) ( ) pgs.

## INCLUDING:

☒ Specification (pages 1 - 20 )

☒ Claims (claims(s) 1 - 54 , 7 pgs.)

☒ Drawings (Fig(s). 1 - 4 , 4 pgs.)

☒ Abstract of the Disclosure

☐ PCT Fee Calculation Sheet Annex to the Request (PCT/RO/101 (Annex))

☐ PCT Demand (PCT/IPEA/401) International Preliminary Examination Report

☐ PCT Fee Calculation Sheet Annex to Demand for Int'l. Preliminary Exam. (PCT/IPEA/401 (Annex))

☐ PCT Notice of Confirmation of Precautionary Designations (PCT/RO/144)

☐ Executed Declaration/Power of Attorney

☐ Unexecuted Declaration/Power of Attorney

☐ Assignment/Assignment Recordation Form Cover Sheet (PTO-1595)

☐ Appointment of Agent

☒ Preliminary Amendment

☐ Information Disclosure Statement Transmittal

☒ Information Disclosure Citation (PTO-1449)

☒ Information Disclosure Statement w/ 0 document(s)

☐ Diskette

☐ Check for \$ \_\_\_\_\_ is enclosed

☐ Check for \$ \_\_\_\_\_ is enclosed

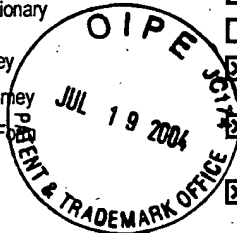
☐ Charge \$ \_\_\_\_\_ to Deposit Account

☒ Charge \$ 1,778.00 to credit card. Form PTO-2038 is attached.

☒ Application Data Sheet

☒ General Authorization For Petitions For Extensions of Time and Payment of Fees

☒ PCT/ISA/210

☐


If submitting documents via Express Mail, provide the Express Mailing Label No. below:

Express Mail Mailing Label No.